



**DEPARTMENT OF COMMUNITY PLANNING AND BUILDING
INTEROFFICE MEMORANDUM**

TO: Board of County Commissioners and Planning Commission
VIA: Terry Shannon, County Administrator
VIA: Chuck Johnston, AICP, Director
FROM: Mary Beth Cook, Deputy Director *McC*
DATE: March 20, 2013
SUBJECT: Adequate Public Facilities Report for Schools – April 1, 2013

Background

The Zoning Ordinance states in Article 7-1.05 D.1 that “Schools are adequate when all public elementary and secondary schools which will serve the proposed residential subdivision or residential development will accommodate the pupil yield from that residential subdivision or residential development without exceeding 100 percent of the rated capacity of any of those schools.”

The Calvert County Zoning Ordinance, Section 7-1.05 E states, “If facilities are identified as having inadequate capacity, the Department of Planning and Zoning shall notify the Planning Commission and the County Commissioners.”

Parcels that meet certain criteria listed in the Zoning Ordinance are exempt from Adequate Public Facilities (APF) Requirements for Schools (Section 7-1.05. F). Determination of school adequacy is not required for non-residential subdivisions or age-restricted housing communities. The Zoning Ordinance limits the delay of final approval of a residential subdivision or residential development to seven years.

Discussion

Since the Fall 2012 Report, there has been no change to the open/closed status of Calvert County Schools. Of Calvert County’s 23 public schools, three (3) are deemed inadequate since enrollments exceed 100% of the County’s Adequate Public Facilities (APF) rated capacities for those schools. These same three schools were over capacity in the fall. The following one (1) elementary school, one (1) middle school and one (1) high school have inadequate capacities:

Beach Elementary	128.5%
Northern Middle	109.0%
Northern High	117.0%

The attached chart shows the Spring 2013 enrollments compared with APF rated capacities for each school. The Calvert County Public School staff provided the enrollments for February, 2013, and the Career and Technology Academy attendance (see attachments). The number of elementary school classrooms, the number of middle and high school teaching stations were provided by Calvert County Public Schools in October, 2012. The chart showing the calculation for each school’s APF rated capacity is attached. The calculations for determining the elementary, the middle, and high school APF rated capacities are specified in the Calvert County Zoning Ordinance.

Maps showing districts for elementary, middle, and high school levels, and a composite map of all school levels that are over 100% capacity are attached. The maps are for illustrative purposes. The Board of Education’s written descriptions of school district boundaries determine which school districts serve a residential subdivision or residential development. If there is a question regarding which school district serves a parcel, the Board of Education makes the final determination.

Elementary Schools

Of the 13 elementary schools, one is over 100% APF capacity: Beach (128.5%). Two elementary schools, Dowell and Mt. Harmony, are over 90% but less than 100% capacity. The remaining elementary schools are below 90%.

Middle Schools

One of the six middle schools, Northern Middle, is over capacity at 109.0%. The remaining middle schools are less than 90% capacity.

High Schools

One high school, Northern High School, is over capacity at 117.0%. The remaining three high schools are between 95.9% to 96.6% capacity.

Schools Approaching 100% Capacity:

The Zoning Ordinance states in Article 7-1.05 D.1 that “Schools are adequate when all public elementary and secondary schools which will serve the proposed residential subdivision or residential development will accommodate the pupil yield from that residential subdivision or residential development without exceeding 100 percent of the rated capacity of any of those schools.” The number of lots/units that may be recorded is limited based upon the pupil yield by school level and housing type, which are provided in the Zoning Ordinance.

Student Transfer Analysis:

In August, 2011, the County Commissioners requested staff include an evaluation of the impact of student transfers on the county school capacities in future Adequate Public Facilities Reports. In this report, staff included a chart, entitled *Enrollments Compared with APF Rated Capacities Transfer Students*, evaluating transfer student impacts by subtracting the number of incoming students and adding the number of outgoing students. The chart indicates that the same three schools would be over capacity if transfers were factored out. Beach Elementary, Northern Middle and Northern High School would be over capacity. For this report, the transfer student policy does not have an impact whether a school district is opened or closed to the recording of residential subdivisions or residential development.

Conclusion

FYI. The next report will be the November 1, 2013 report.

Fiscal Impact

N/A

Attachments:

Enrollments Compared with APF Rated Capacities, Chart, Spring 2013
School Enrollments (dated February 2013)
Calvert County Public Schools, Number of Classrooms/Teaching Stations, School Year 2012-2013
Elementary School Enrollments, Pre-Kindergarten through Grade 5, February 2013
School Districts with Adequate/Inadequate Capacities, Historical Chart, Spring 2013
Rated Adequate Public Facilities Capacities for Schools, Chart, Spring 2013
Approved Transfer Student, 2012-2013 School year
APF for Schools Enrollments Compared with APF Rated Capacities Transfer Student Spring 2013
School Districts over 100% Capacity, Maps (3)
 Elementary and Composite Maps, March, 2013
 Middle and High School Maps, March, 2013

cc: Board of Education
 Engineering/Survey Firms
 County Attorney
 Planning Commission Attorney

CALVERT COUNTY, MARYLAND
ADEQUATE PUBLIC FACILITIES FOR SCHOOLS
ENROLLMENTS COMPARED WITH APF RATED CAPACITIES
Spring 2013

SCHOOL	100% APF RATED CAPACITY Spring 2012 Note 1	2011-12 SCHOOL YEAR Spring 2012 Enrollments Note 2	PERCENT OF RATED CAPACITY Spring 2012	100% APF RATED CAPACITY Fall 2012 Note 1	2012-13 SCHOOL YEAR Fall 2012 Enrollments Note 2	PERCENT OF RATED CAPACITY Fall 2012	100% APF RATED CAPACITY Spring 2013 Note 1	2012-13 SCHOOL YEAR Spring 2013 Enrollments Note 2	PERCENT OF RATED CAPACITY Spring 2013
Elementary Schools									
APPEAL	500	431	86.2%	500	387	77.4%	500	395	79.0%
BARSTOW	723	515	71.2%	723	524	72.5%	723	526	72.8%
BEACH	529	614	116.1%	529	665	125.7%	529	680	128.5%
CALVERT	606	490	80.9%	606	475	78.4%	606	495	81.7%
DOWELL	713	657	92.1%	713	647	90.7%	713	645	90.5%
HUNTINGTOWN	575	503	87.5%	575	495	86.1%	575	503	87.5%
MT. HARMONY	555	551	99.3%	555	548	98.7%	555	543	97.8%
MUTUAL	562	492	87.5%	562	469	83.5%	562	479	85.2%
PATUXENT	613	438	71.5%	613	441	71.9%	613	447	72.9%
PLUM POINT	648	477	73.6%	648	464	71.6%	648	468	72.2%
ST. LEONARD	713	566	79.4%	713	538	75.5%	713	532	74.6%
SUNDERLAND	795	672	84.5%	795	637	80.1%	795	647	81.4%
WINDY HILL	720	657	91.3%	720	633	87.9%	720	630	87.5%
Total Elementary	8,252	7,063	85.6%	8,252	6,923	83.9%	8,252	6,990	84.7%
Middle Schools									
CALVERT MIDDLE	827	560	67.7%	827	572	69.2%	827	575	69.5%
MILL CREEK MIDDLE	848	546	64.4%	848	540	63.7%	848	538	63.4%
NORTHERN MIDDLE	678	716	105.6%	678	739	109.0%	678	739	109.0%
PLUM POINT MIDDLE	869	693	79.7%	869	674	77.6%	869	682	78.5%
SOUTHERN MIDDLE	838	561	66.9%	838	522	62.3%	838	527	62.9%
WINDY HILL MIDDLE	817	700	85.7%	817	703	86.0%	817	709	86.8%
Total Middle	4,877	3,776	77.4%	4,877	3,750	76.9%	4,877	3,770	77.3%
High Schools									
CALVERT HIGH	1,199	1,180	98.4%	1,219	1,166	95.7%	1,216	1,166	95.9%
HUNTINGTOWN HIGH	1,621	1,598	98.6%	1,632	1,583	97.0%	1,628	1,569	96.4%
NORTHERN HIGH	1,266	1,533	121.1%	1,263	1,489	117.9%	1,264	1,479	117.0%
PATUXENT HIGH	1,163	1,126	96.8%	1,182	1,148	97.1%	1,178	1,138	96.6%
Total High	5,249	5,437	103.6%	5,296	5,386	101.7%	5,286	5,352	101.2%
County Total	18,378	16,276	88.6%	18,425	16,059	87.2%	18,415	16,112	87.5%

Notes:

1. High school capacities include the lower number of students attending the morning or afternoon session of the Career and Technology Academy at the beginning of the grading period.
2. FTEs for Pre-K and Special Pre-K are included in elementary school enrollments. Kindergarten students attend full day (policy began in 2006-07 school year).

Based upon information provided by the Board of Education: February 2013 enrollments and Career Center attendance (received 3/6/2013).

PREPARED BY THE CALVERT COUNTY COMMUNITY PLANNING & BUILDING - March 2013

CALVERT COUNTY PUBLIC SCHOOLS

ENROLLMENT COUNT

February 2013

[illegible]

Elementary School Enrollments, Pre-Kindergarten through Grade 5
Feb-13

	Pre-K	Special Pre-K	Total Pre-K	FTE Pre-K	Round up Pre-K	Enrollment K to 5	Enrollment Pre-K to 5
Appeal	0	0	0	0	0	395	395
Barstow	38	11	49	24.5	25	501	526
Beach	37	0	37	18.5	19	661	680
Calvert	41	0	41	20.5	21	474	495
Dowell	36	0	36	18	18	627	645
Huntingtown	0	0	0	0	0	503	503
Mt Harmony	0	0	0	0	0	543	543
Mutual	25	10	35	17.5	18	461	479
Patuxent	79	27	106	53	53	394	447
Plum Point	7	6	13	6.5	7	461	468
St. Leonard	20	0	20	10	10	522	532
Sunderland	49	15	64	32	32	615	647
Windy Hill	32	8	40	20	20	610	630
TOTAL	364	77	441	220.5	223	6,767	6,990

FTE = Full Time Equivalent

Enrollments provided by the Board of Education, March 2013.

Prepared by Community Planning & Building, March 2013.

Calvert County Adequate Public Facilities for Schools
Rated Adequate Public Facilities Capacities for Schools
Spring 2013

SCHOOL	Number of Pre - Kindergarten Rooms	Number of Pre - K per Room	Capacity for Pre - K	Number of Kindergarten Rooms	Number of Kinder- garteners per Room	Capacity for Kindergarten	Number of Grade 1-5 Rooms	Number of 1-5 Graders per Room	Capacity for Grades 1-5	Number of Special Education Rooms / Teaching Stations	Number of Special Ed Students per Room / Teaching Stations	Capacity for Special Ed Rooms / Teaching Stations	Total No of Teaching Stations (non SPED) Mid & High	No. of Students per Teaching Station (non SPED) Mid & High	Capacity for non SPED Teaching Stations Mid & High	Capacity for non SPED Teaching Stations Mid & High Rounded up	Capacity for High Schools SPED & non SPED	Additional Capacity for Career Tech Academy Attendance*	Total No of Classrooms/ Teaching Stations	APF RATED CAPACITY Adopted County Formula Spring 2013
ELEMENTARY SCHOOLS																				
APPEAL	0	20	0	0	22	0	20	23	460	4	10	40							24	500
BARSTOW	1	20	20	4	22	88	25	23	575	4	10	40							34	723
BEACH	1	20	20	4	22	88	17	23	391	3	10	30							25	629
CALVERT	1	20	20	3	22	66	20	23	460	6	10	60							30	606
DOWELL	1	20	20	4	22	88	25	23	575	3	10	30							33	713
HUNTINGTOWN	0	20	0	4	22	88	19	23	437	5	10	50							28	575
MT. HARMONY	0	20	0	4	22	88	19	23	437	3	10	30							26	555
MUTUAL	1	20	20	4	22	88	18	23	414	4	10	40							27	562
PATUXENT	3	20	60	6	22	132	17	23	391	3	10	30							29	613
PLUM POINT	0	20	0	3	22	66	24	23	552	3	10	30							30	648
ST. LEONARD	2	20	40	4	22	88	25	23	575	1	10	10							32	713
SUNDERLAND	1	20	20	4	22	88	29	23	667	2	10	20							36	795
WINDY HILL	2	20	40	4	22	88	24	23	552	4	10	40							34	720
Total Elementary	13		260	48		1,056	282		6,486	45		450	0						388	8,252
CALVERT MIDDLE										4	10	40	37	25 * 85%	786.25	787			41	827
MILL CREEK MIDDLE										4	10	40	38	25 * 85%	807.5	808			42	848
NORTHERN MIDDLE										4	10	40	30	25 * 85%	637.5	638			34	678
PLUM POINT MIDDLE										4	10	40	39	25 * 85%	828.75	829			43	869
SOUTHERN MIDDLE										3	10	30	38	25 * 85%	807.5	808			41	838
WINDY HILL MIDDLE										3	10	30	37	25 * 85%	786.25	787			40	817
Total Middle												219								4,877
CALVERT HIGH										2	10	20	52	25 * 85%	1,105	1,105	1,125	91	54	1,216
HUNTINGTOWN HIGH										2	10	20	73	25 * 85%	1,551.25	1,552	1,572	56	75	1,628
NORTHERN HIGH										4	10	40	56	25 * 85%	1,190	1,190	1,230	34	60	1,264
PATUXENT HIGH										4	10	40	52	25 * 85%	1,105	1,105	1,145	33	58	1,178
Total High													233				5,072	214		5,286
County Total																				18,415

* The lower number of students attending the morning or afternoon session of the Career Center at the beginning of the grading period (Spring 2013)
Number of classrooms/teaching stations and Career and Technology Academy attendance provided by the Board of Education, October 2012.

Prepared by the Calvert County Community Planning & Building, March 13, 2013

Calvert County Public Schools
Number of Elementary Classrooms/Middle & High Teaching Stations
School Year 2012-2013

Elementary Schools	Pre-K	Kindergarten	Grades 1-5	Special Education	Total
Appeal	0	0	20	4	24
Barstow	1	4	25	4	34
Beach	1	4	17	3	25
Calvert	1	3	20	6	30
Dowell	1	4	25	3	33
Huntingtown	0	4	19	5	28
Mt. Harmony	0	4	19	3	26
Mutual	1	4	18	4	27
Patuxent	3	6	17	3	29
Plum Point	0	3	24	3	30
St. Leonard	2	4	25	1	32
Sunderland	1	4	29	2	36
Windy Hill	2	4	24	4	34

<u>Middle Schools</u>	<u>SPED</u>	<u>6-8</u>	<u>Total</u>	<u>High Schools</u>	<u>SPED</u>	<u>9-12</u>	<u>Total</u>
Calvert	4	37	41	Calvert	2	52	54
Mill Creek	4	38	42	Huntingtown	2	73	75
Northern	4	30	34	Northern	4	56	60
Plum Point	4	39	43	Patuxent	4	52	56
Southern	3	38	41				
Windy Hill	3	37	40				



<u>Career Center Enrollment for Spring 2013</u>	<u>A.M.</u>	<u>P.M.</u>	<u>Total</u>
Calvert High	91	95	186
Huntingtown High	56	58	114
Northern High	34	38	72
Patuxent High	37	33	70
Total	218	224	442

Classroom/Teaching Station Data provided by the Board of Education, October 2012.
Updated Career Center Enrollment as of March 6, 2013, provided March 2013.

**CALVERT COUNTY ADEQUATE PUBLIC FACILITIES REGULATIONS
SCHOOL DISTRICTS WITH ADEQUATE/INADEQUATE CAPACITIES
FALL 2000 TO PRESENT**

	Fall 2000	April 1, 2001	May 11, 2001*** Note #1	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003 Note #2	Spring 2004	Fall 2004	Spring 2005 Note #3	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008 Note #4	Spring 2009	Fall 2009
APPEAL ELEMENTARY																				
BARSTOW ELEMENTARY (Fall 2009)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BEACH ELEMENTARY																				
CALVERT ELEMENTARY																				
DOWELL ELEMENTARY (Fall 1999)																				
HUNTINGTOWN ELEMENTARY																				
MT. HARMONY ELEMENTARY																				
MUTUAL ELEMENTARY																				
PATUXENT ELEMENTARY (Fall 1992)																				
PLUM POINT ELEMENTARY																				
ST. LEONARD ELEMENTARY (Fall 1996)																				
SUNDERLAND ELEMENTARY																				
WINDY HILL ELEMENTARY (Fall 1996)																				
CALVERT MIDDLE																				
MILL CREEK MIDDLE (Late Fall 2000)																				
NORTHERN MIDDLE																				
PLUM POINT MIDDLE																				
SOUTHERN MIDDLE (expanded Fall 1996)																				
WINDY HILL MIDDLE (Fall 1998)																				
CALVERT HIGH																				
HUNTINGTOWN HIGH (Fall 2004)	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
NORTHERN HIGH																				
PATUXENT HIGH (Spring 1996)																				

	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013
APPEAL ELEMENTARY							
BARSTOW ELEMENTARY (Fall 2009)							
BEACH ELEMENTARY							
CALVERT ELEMENTARY							
DOWELL ELEMENTARY (Fall 1999)							
HUNTINGTOWN ELEMENTARY							
MT. HARMONY ELEMENTARY							
MUTUAL ELEMENTARY							
PATUXENT ELEMENTARY (Fall 1992)							
PLUM POINT ELEMENTARY							
ST. LEONARD ELEMENTARY (Fall 1996)							
SUNDERLAND ELEMENTARY							
WINDY HILL ELEMENTARY (Fall 1996)							
CALVERT MIDDLE							
MILL CREEK MIDDLE (Late Fall 2000)							
NORTHERN MIDDLE							
PLUM POINT MIDDLE							
SOUTHERN MIDDLE (expanded Fall 1996)							
WINDY HILL MIDDLE (Fall 1998)							
CALVERT HIGH							
HUNTINGTOWN HIGH (Fall 2004)							
NORTHERN HIGH							
PATUXENT HIGH (Spring 1996)							

Key:  School with inadequate capacity. School district closed to recording of subdivisions/residential site development plans.
 School with inadequate capacity. School district deemed adequate for recording of subdivisions/residential site development plans.
0 School not yet constructed/open.

Notes:

- #1 On May 11, 2001, the Adequate Public Facilities regulations were amended by the Board of County Commissioners. Amendments included changing the school capacity formulas, reducing inadequacy from 110% to 100%, and considering elementary schools individually rather than in aggregate.
- #2 The high school redistricting plan for Huntingtown High was adopted by the Board of Education in March 2003.
- #3 The elementary school boundaries from Prince Frederick, north become effective August 2005; new boundaries are included in the Spring 2005 APF Report.
- #4 The elementary school boundary adjustments related to the construction of Barstow Elementary School become effective August 2008. New boundaries are included in the Fall 2008 Item APF Report.

**Calvert County Public Schools
Approved Student Transfers
2012-2013 School Year**

As of March 5, 2013

School	Transfers In	Transfers Out	Change in Total
Calvert High	13	23	10
Huntingtown High	19	9	-10
Northern High	6	7	1
Patuxent High	11	10	-1
Total High Schools:	49	49	0
GRAND TOTAL:	784	784	0

Calvert County Public Schools

Approved Student Transfers

2012-2013 School Year

As of March 5, 2013

School	Transfers In	Transfers Out	Change in Total
Appeal Elementary	14	25	11
Barstow Elementary	49	46	-3
Beach Elementary	32	94	62
Calvert Elementary	32	78	46
Dowell Elementary	43	45	2
Huntingtown Elementary	65	17	-48
Mt. Harmony Elementary	80	18	-62
Mutual Elementary	39	38	-1
Patuxent Elementary	13	48	35
Plum Point Elementary	58	23	-35
St. Leonard Elementary	26	58	32
Sunderland Elementary	93	65	-28
Windy Hill Elementary	68	56	-12
Total Elementary Schools:	612	611	-1
Calvert Middle	28	13	-15
Mill Creek Middle	23	10	-13
Northern Middle	25	13	-12
Plum Point Middle	21	13	-8
Southern Middle	6	48	42
Windy Hill Middle	20	27	7
Total Middle Schools:	123	124	1

CALVERT COUNTY, MARYLAND
ADEQUATE PUBLIC FACILITIES FOR SCHOOLS
ENROLLMENTS COMPARED WITH APF RATED CAPACITIES
TRANSFER STUDENT Spring 2013

SCHOOL	100% APF RATED CAPACITY Spring 2013 Note 1	Spring 2013 ENROLLMENT: (ACTUAL) Note 2	PERCENT OF RATED CAPACITY (Actual) 2013	STUDENT TRANSFER IN	STUDENT TRANSFERS OUT	TOTAL TRANSFER STUDENT CHANGE	Spring 2013 ENROLLMENT: TRANSFER STUDENTS OMITTED	PERCENT OF RATED CAPACITY (DISTRICT)
Elementary Schools								
APPEAL	500	395	79.0%	14	25	11	406	81.20%
BARSTOW	723	526	72.8%	49	46	-3	523	72.34%
BEACH	529	680	128.5%	32	94	62	742	140.26%
CALVERT	606	495	81.7%	32	78	46	541	89.27%
DOWELL	713	645	90.5%	43	45	2	647	90.74%
HUNTINGTOWN	575	503	87.5%	65	17	-48	455	79.13%
MT. HARMONY	555	543	97.8%	80	18	-62	481	86.67%
MUTUAL	562	479	85.2%	39	38	-1	478	85.05%
PATUXENT	613	447	72.9%	13	48	35	482	78.63%
PLUM POINT	648	468	72.2%	58	23	-35	433	66.82%
ST. LEONARD	713	532	74.6%	26	58	32	564	79.10%
SUNDERLAND	795	647	81.4%	93	65	-28	619	77.86%
WINDY HILL	720	630	87.5%	68	56	-12	618	85.83%
Total Elementary	8,252	6,990		612	611	-1	6,989	
Middle Schools								
CALVERT MIDDLE	827	575	69.5%	28	13	-15	560	67.71%
MILL CREEK MIDDLE	848	538	63.4%	23	10	-13	525	61.91%
NORTHERN MIDDLE	678	739	109.0%	25	13	-12	727	107.23%
PLUM POINT MIDDLE	869	682	78.5%	21	13	-8	674	77.56%
SOUTHERN MIDDLE	838	527	62.9%	6	48	42	569	67.90%
WINDY HILL MIDDLE	817	709	86.8%	20	27	7	716	87.64%
Total Middle	4,877	3,770		123	124	1	3,771	
High Schools								
CALVERT HIGH	1,216	1,166	95.9%	13	23	10	1,176	96.71%
HUNTINGTOWN HIGH	1,628	1,569	96.4%	19	9	-10	1,559	95.76%
NORTHERN HIGH	1,264	1,479	117.0%	6	7	1	1,480	117.09%
PATUXENT HIGH	1,178	1,138	96.6%	11	10	-1	1,137	96.52%
Total High	5,286	5,352		49	49	0	5,352	
County Total	18,415	16,112	87.5%	784	784	0	16,112	87.5%

Notes:

1. High school capacities include the lower number of students attending the morning or afternoon session of the Career Center at the beginning of the grading period.
2. FTEs for Pre-K and Special Pre-K are included in elementary school enrollments. Kindergarten students attend full day (policy began in 2006-07 school year).



CALVERT COUNTY SCHOOL DISTRICTS

Districts closed to the final
recording of residential subdivisions and
residential site development plans.



High Schools:

Northern



High School Sites

NORTHERN HS

HUNTINGTOWN HS

CALVERT HS

PATUXENT HS

Patuxent River

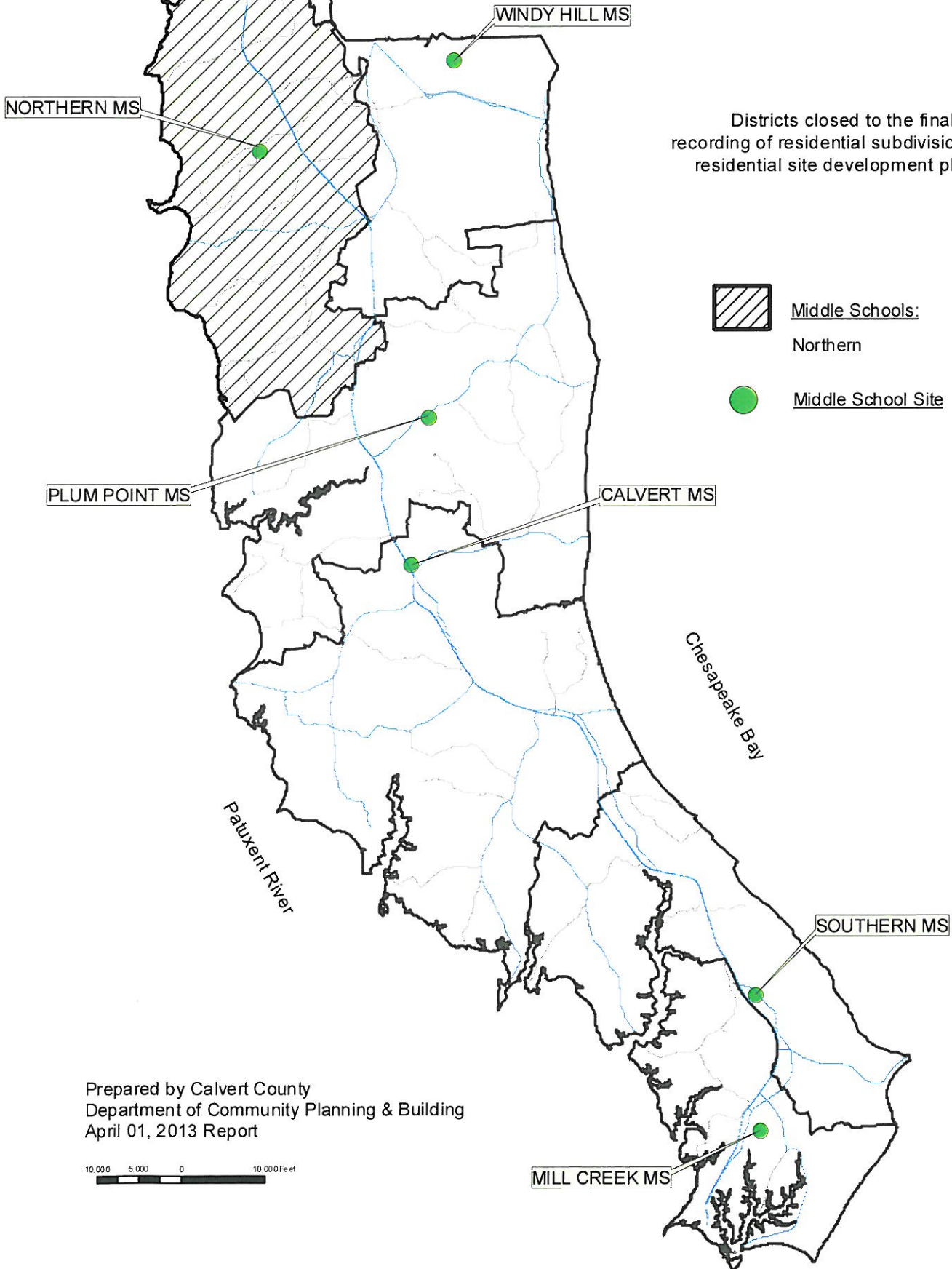
Chesapeake Bay

Prepared by Calvert County
Department of Community Planning & Building
April 01, 2013 Report

10 000 5 000 0 10 000 Feet



CALVERT COUNTY SCHOOL DISTRICTS

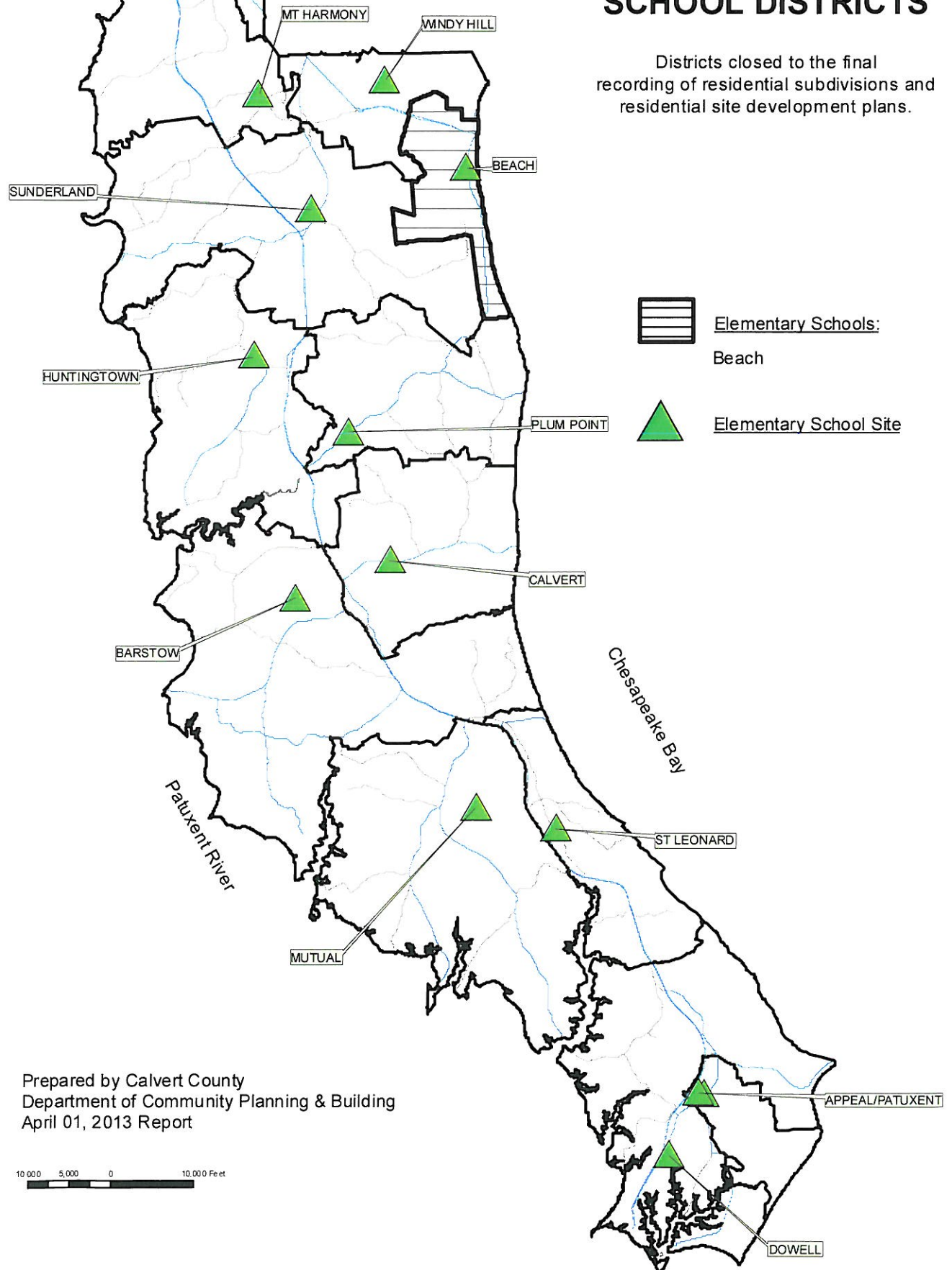


Prepared by Calvert County
Department of Community Planning & Building
April 01, 2013 Report



CALVERT COUNTY SCHOOL DISTRICTS

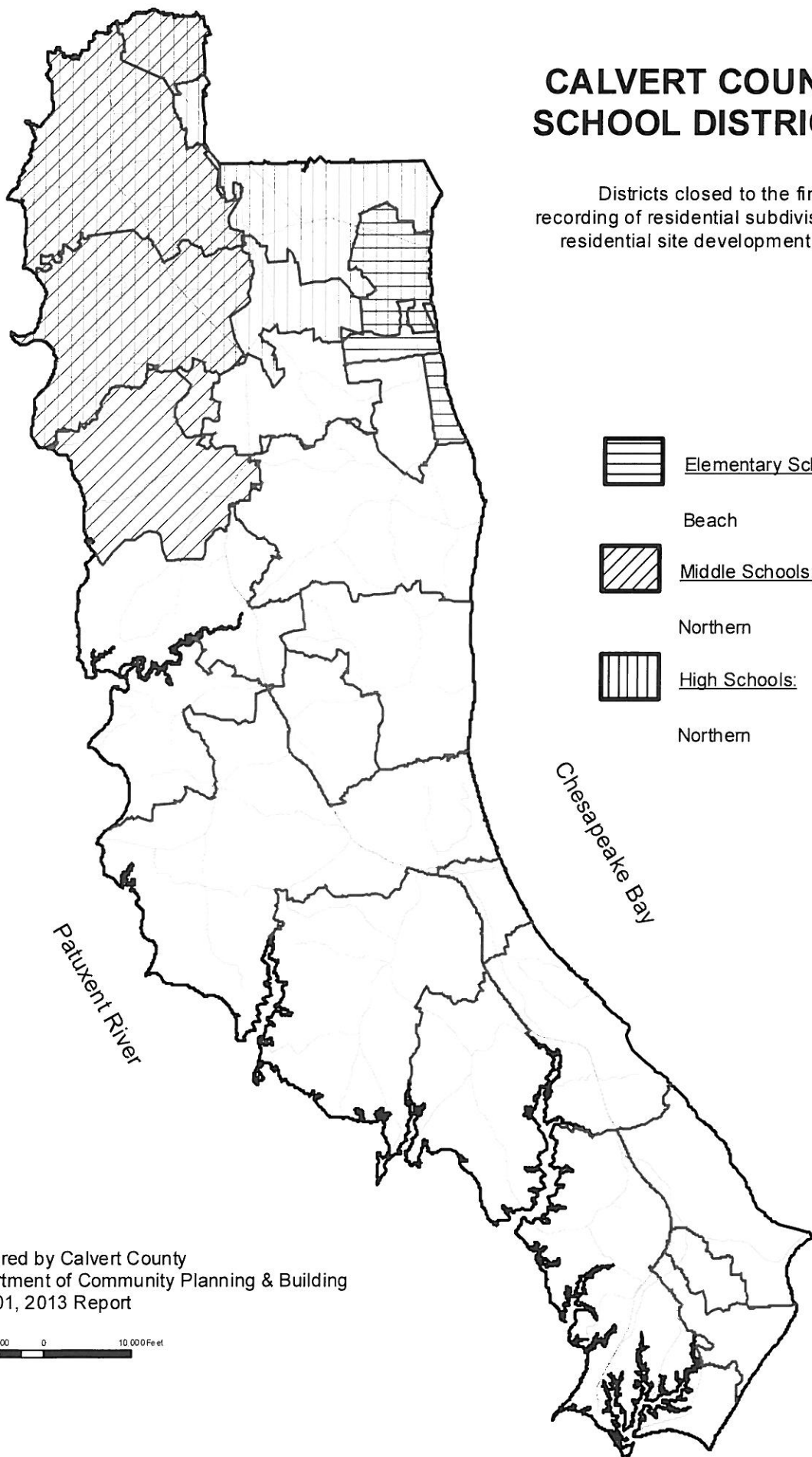
Districts closed to the final
recording of residential subdivisions and
residential site development plans.





CALVERT COUNTY SCHOOL DISTRICTS

Districts closed to the final
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